



Please type a plus sign (+) inside this box ☐

PTO/SB/081 (10-98)
Approved for use through 10/31/99. Omb 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known	
			Application Number	10/688,239
			Filing Date	10/17/2003
			First Named Inventor	Price, Raymond R.
			Group Art Unit	Unknown
Examiner Name	Unknown			
Attorney Docket Number	A45-015-01-US			
Sheet	1	of 1		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Kind Code ²	Number (if known)			
CN	1	D	264,886	Feldman	06-08-1982	
	2		3,012,377	Sunukjian	12-12-1961	
	3		3,818,656	Vigliotti	06-25-1974	
	4		4,121,397	Marcocci et. al.	12-24-1978	10/1978
	5		4,557,094	Beliveau	12-10-1985	
	6		4,956,958	Caroti	09-18-1990	
	7		5,647,185	Forlini	07-15-1997	
	8		5,676,540	Williams et. al.	10-14-1997	
CN	9		6,253,518	Azar	07-03-2001	

m/fp
10/21/04

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁸
		Kind Code ²	Office ³	Number ⁴ (if known)				

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

Examiner Signature		Date Considered	5-2-2005
-----------------------	--	--------------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

SENT TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

P:\